

AMENDMENTS TO THE CLAIMS

Listing of Claims

1. (previously presented) A lipid system comprising naturally occurring oils comprising alpha-linolenic acid (C18:3n-3), omega-6 fatty acids, and omega-9 fatty acids wherein the ratio of said omega-6 fatty acids to said alpha-linolenic acid (C18:3n-3) is from about 0.25:1 to about 3:1, and the ratio of said omega-9 fatty acids to said alpha-linolenic acid (C18:3n-3) is from about 1:1 to about 3:1.
2. (previously presented) The lipid system as defined in claim 1 wherein the ratio of said omega-6 fatty acids to said alpha-linolenic acid (C18:3n-3) is from about 0.3:1 to about 2.5:1.
3. (cancelled).
4. (previously presented) The lipid system as defined in claim 1 further comprising naturally occurring oils comprising saturated fatty acids with more than 12 carbon atoms, wherein said saturated fatty acids are present in an amount less than about 47 gm per 100 gm lipid.
5. (previously presented) The lipid system as defined in claim 1 wherein said omega-6 fatty acid is selected from the group consisting of linoleic acid (C18:2n-6), gamma-linolenic acid (C18:3n-6), eicosadienoic acid (C20:2n-6), arachidonic acid

28072-43
(7119US01)
PATENT

(C20:4n-6), di-homo-gamma-linolenic acid (C20:3n-6), and combinations thereof.

6. (previously presented) The lipid system as defined in claim 1 wherein said omega-9 fatty acid is selected from the group consisting of oleic acid (C18:1n-9), elaidic acid (C18:1n-9), eicosenoic acid (C20:1n-9), erucic acid (C22:1 n-9), and nervonic acid (C24:1 n-9), and combinations thereof.

7. (previously presented) The lipid system as defined in claim 1 wherein the naturally occurring oils comprise from about 17 to about 54% alpha-linolenic acid (C18:3n-3), from about 17 to about 21% linoleic acid (C18:2n-6), from about 19 to about 52% oleic acid (C18:1n-9), and less than about 47% saturated fatty acids, based on the total weight of the lipid system.

8. (previously presented) The lipid system as defined in claim 1, wherein the naturally occurring oils comprise from 30 to 90% flaxseed oil, from 0 to 60% high oleic safflower oil, and from 0 to 10% corn oil by weight of the naturally occurring oils.

9. (previously presented) A product comprising the lipid system of claim 1 wherein said product is selected from the group consisting of a liquid nutritional product, a solid nutritional product, a semi-solid nutritional product, a product provided as an emulsion, a nutritional product provided as a powder, and a product provided as a soft gelatin capsule.

10. (previously presented) A method for improving the glucose tolerance of a glucose intolerant individual comprising administering the lipid system of claim 1, wherein the ratio of said omega-6 fatty acids to said alpha-linolenic acid (C18:3n-3) in the lipid system is from about 0.61:1 to about 0.73:1.

11. (previously presented) A method for improving the insulin sensitivity of an insulin resistant individual comprising administering the lipid system of claim 1, wherein the ratio of said omega-6 fatty acids to said alpha-linolenic acid (C18:3n-3) in the lipid system is from about 0.61:1 to about 0.73:1.

12. (previously presented) A method for reducing the risk of vascular disease in an individual at risk for vascular disease comprising administering the lipid system of claim 1, wherein the ratio of said omega-6 fatty acids to said alpha-linolenic acid (C18:3n-3) in the lipid system is from about 0.61:1 to about 0.73:1.

13. (original) A method for providing nutrition to an individual comprising administering the nutritional product of claim 9.

14. (previously presented) A nutritional product comprising:

a lipid system comprising naturally occurring oils comprising alpha-linolenic acid (C18:3n-3), omega-6 fatty acids, and omega-9 fatty acids wherein

the ratio of said omega-6 fatty acids to said alpha-linolenic acid (C18:3n-3) is from about 0.25:1 to about 3:1, and

the ratio of said omega-9 fatty acids to said alpha-linolenic acid (C18:3n-3) is from about 1:1 to about 3:1; and

a protein component providing from about 5 to about 35% of the total caloric content, a carbohydrate component providing from about 10 to about 95% of the total caloric content, and a lipid component providing from about 5 to about 70% of the total caloric content.

15. (original) The nutritional product as defined in claim 14 wherein the ratio of said omega-6 fatty acids to said alpha-linolenic acid (C18:3n-3) is from about 0.3:1 to about 2.5:1.

16. (cancelled).

17. (original) The nutritional product as defined in claim 14 further comprising saturated fatty acids with more than 12 carbon atoms, wherein said saturated fatty acids are present in an amount less than 47 g per 100 g lipid.

18. (original) The nutritional product as defined in claim 14 wherein said omega-6 fatty acid is selected from the group consisting of linoleic acid (C18:2n-6), gamma-linolenic acid (C18:3n-6), eicosadienoic acid (C20:2n-6), arachidonic acid (C20:4n-6), di-homo-gamma-linolenic acid (C20:3n-6), and combinations thereof and wherein said omega-9 fatty acid is selected from the group consisting of oleic acid (C18:1n-9), elaidic acid (C18:1n-9), eicosenoic acid (C20:1n-9), erucic acid

28072-43
(7119US01)
PATENT

(C22:1n-9), and nervonic acid (C24:1n-9), and combinations thereof.

19. (original) The nutritional product as defined in claim 14 comprising from about 17 to about 54% alpha-linolenic acid (C18:3n-3), from about 17 to about 21% linoleic acid (C18:2n-6), from about 19 to about 52% oleic acid (18:1n-9), and less than about 47% saturated fatty acids.

20. (original) The nutritional product as defined in claim 14 comprising from about 30 to about 90% flaxseed oil, from about 0 to about 59% high oleic safflower oil and from about 0 to about 7% corn oil.

21. (original) A method for improving the glucose tolerance of a glucose intolerant individual comprising administering the nutritional product of claim 14.

22. (original) A method for improving the insulin sensitivity of an insulin resistant individual comprising administering the nutritional product of claim 14.

23. (original) A method for reducing the risk of vascular disease in an individual at risk for vascular disease comprising administering the nutritional product of claim 14.

24. (original) A method for providing nutrition to an individual comprising administering the nutritional product of claim 14.

Claims 25-45 (cancelled).